

Mainline 6B 2012 Maintenance and Rehabilitation & Line 6B Replacement Projects
IDEM Water Quality Certification Independent Environmental Monitor Weekly Observation Report

Observation Dates:	12/16/13 thru 12/21/13
IEM Name:	Glen Chandler
Wetland Identification Number(s):	w-488-y, w-489-y, w-490-b, w-491-a, w-492-a, w-493-c, w-494-c, w-495-a, w-496-c, w-497-b, w-500a, w-516-a, w-516-b, w-517-e
Waterbody Identification Number(s):	s-482-b, S-483-a1, s-488-a, s-489-b, s-489-z, S-495-a, s-496-c, s-497-a, s-500-a
Enbridge Land Tract Identification Number(s):	n-616-2 ^a -39, n-617-1, n-617-1B, n-618-9H, n-622-6, n-622-1A, n-623-1, n-624-2, n-625-4, n-625-6, n-626-2B-4, n-627-1, n-627-3, n-628-4, n-628-51-1, n-629-2e, n-629-4, n-630-4a, n-631-7f, n-633-2, n-646-6B, n-646-6c, n-647-1, n-647-3, n-648-1 ^a , n-648-3 ^a , n-648-2A.
County(s): St. Joseph, LaPorte, Porter	St. Joseph, Porter, LaPorte
<p>12/16/13: The contractor weekly safety meeting was attended. Snow and cold weather conditions were observed during the IEM's inspection of ROW. HDD of w-517-e, Sta.#2771+29, Tract n-647-3 pull through has stalled. Off ROW HDD drilling mud cleanup was complete at Sta.#2800+12. s-516-a, Sta.#2721+03, Tract n-646-6c off Emery rd. stream crossing began. Division rd. w-495-a, Sta.#1633+34, Tract n-628-4 cleanup and winterization was observed. Johnson Ditch s-489-z, Sta.#1260+08, Tract n-622-10 stream bore continues in compliance. Coffee Creek crossing preparations begin at s-489-b, Sta.#1274+34, Tract n-623-1. The IEM and the LEI have been communicating on available best management practices during crossing, due to land owner dewatering restrictions.</p> <p>12/17/13: The HDD at w-517-e, Sta.#2765+87, Tract n-647-3 has stalled progress. S-516-a, Sta.#2721+03, Tract n-646-6c off Emery rd. stream crossing was dry and tied-in. HWY 421 s-497-a, Sta.#1683+25, Tract n-629-4 bore progress continues in compliance. Coffee Creek bore crossing began at s-489-b, Sta.#1274+34, Tract n-623-1. The IEM, the LEI, and ECC were on site during trench water dewatering. Additional ECD's were installed in and around dewatering pit. No sediment laden water entered the stream. S-487-b flume type stream crossing was completed at Sta.#1190+06, Tract n-621-4. 12/18/13: Crews began clean up of the HDD at w-517-e, Sta.#2765+87, Tract n-647-3 East side inadvertent release of contained drilling mud. Crews also installed turbidity curtain on the west side mud release of w-517-e. The Northfolk Southern Rail Road crossing off N.850E. rd Sta.#1533+03, Tract n-627-1 continues. HWY 421 s-497-a, Sta.#1683+25, Tract n-629-4 bore progress inspection resulted in the start of a plume observed in the stream. The trench dewatering filter bags proximity to the stream did not allow for sufficient filtration. The EI came on site and mitigated issue in a timely manner by relocating filter bags away from stream. Coffee Creek bore crossing continues in compliance at s-489-b, Sta.#1274+34, Tract n-623-1. The Environmental Coordinator was on site monitoring progress. 12/19/13: Clean up of the HDD at w-517-e, Sta.#2765+87, Tract n-647-3 East side inadvertent release continues. HWY 421 s-497-a, Sta.#1683+25, Tract n-629-4 stream inspection of the dewatering plume issue was in compliance, however the repositioned filter bags on the north side of the stream needed additional ECD's. The LEI contacted the Environmental Coordinator to resolve the potential problem. W-492-a, Sta.#1429+59, Tract n-625-4 off E. Greening rd. clean up and water bars were installed. Coffee Creek bore crossing continues in compliance at s-489-b, Sta.#1274+34, Tract n-623-1. S-483-a1, Sta.#948+74, Tract n-617-1 was successfully crossed. 11/20/13: Warm and Snow melt conditions continued on the ROW. Army Core representative Aaron Dameral, IEM Glen Chandler, and ECM Landon Owens inspected clean up of the drilling mud off ROW near the HDD of w-517-e, Sta.#2800+00, Tract n-648-1A. The cleanup efforts were as thorough as weather conditions allowed and agency representatives were happy with the results. HWY 421 s-497-a, Sta.#1683+25, Tract n-629-4 stream inspection of the dewatering observed additional ECD's around filter bags, as requested. S-483-a2 stream crossing was in progress, Sta.#948+74. 11/21/13: Construction crews were completing crossings or winterizing equipment before the Christmas break. HWY 421 s-497-a, Sta.#1683+25, Tract n-629-4 stream crossing was finishing completion. Off County Line rd. winterization and ECD's were installed at s-495-b, Sta.#1582+94, Tract n-628+5a-1. The Northfolk Southern Rail Road crossing off N.850E. rd Sta.#1533+03, Tract n-627-1 observed equipment containment for Christmas break.</p>	



Off ROW HDD drilling mud cleanup complete. Sta.#2800+12



s-497-a off Hwy 421 bore preparation, Sta.#1683+85



s-487-b flume type stream crossing, Sta.#1190+06



s-489-b coffee creek bore dewatering, Sta.#1274+34



Turbidity curtain installed at w-517-e, Sta.#2771+29



s-497-a plume in stream reported to EI at Sta.#1683+85



East upland side of w-517-e, Sta.#2787+62 clean-up



s-483-a1 stream erosion blankets installed Sta.#948+74



Army core clean-up inspection of w-517-e, Sta.#2800+00



s-483-a2 stream crossing in progress, Sta.#948+74.



Off County Line rd. winterization ECD's installed, Sta.#1582+94



Equipment containment for Christmas break, Sta.#1543+92.

